

CLAIM OR CLAIMS

WHAT IS CLAIMED IS:

1. An improved method of realtime human vision system behavior modeling
5 of the type having spatial modeling to obtain a measure of visible impairment
of a test image signal derived from a reference image signal comprising the
step of temporally processing the reference and test image signals prior to
the spatial modeling to account for temporal response.

- 10 2. The improved method as recited in claim 1 wherein the providing step
comprises the steps of:
 linear temporal filtering the reference and test image signals to
produce reference and test lowpass filter outputs; and
 non-linear temporal filtering the reference and test lowpass filter
15 outputs to produce reference and test non-linear filter outputs, the reference
and test non-linear filter outputs being input to the spatial modeling step to
produce the measure of visible impairment.